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02097464 MORGAN CREEK NEAR WHITE CROSS, NC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD. -- Water years 1989 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
OCT 11	1515	.09	10	758	5.8	56	7.1	136	13.9	57	14.6	5.10	3.85
DEC 04	1220	.12	60	768	6.8	60	7.0	149	9.8	55	13.5	5.06	6.11
JAN 23	1600	226	300		10.5		6.6	64	6.9	17	4.09	1.72	3.32
FEB 13	1200	2.3	50	762	11.8	93	7.2	102	5.5	33	8.16	3.09	2.17
APR 19	1215	1.2	40	760	6.1	70	7.0	124	21.8	44	11.3	3.80	2.54
JUN 20	1400	. 0	40	762	3.4	40	7.1	200	22.8	73	19.1	6.10	3.74
AUG 13	1300	.0	125	755	2.1	25	6.9	203	22.8	70	18.9	5.51	11.1
Date	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	ANC WATER UNFLTRD IT FIELD MG/L AS CACO3 (00419)	BICAR- BONATE IT-FLD (MG/L AS HCO3) (99440)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)
OCT 11	5.84	56	68	6.23	.1	18.0	3.4	90	E.010	.27	.014	<.002	.025
DEC 04	6.24	70	85	7.53	E.1	13.3	2.3	104	<.015	.40	<.013	<.002	.026
JAN 23	3.50			5.66	E.1	6.3	5.5	72	.106	3.2	.422	.007	.137
FEB 13	5.86	27	33	8.74	<.1	9.2	6.7	68	E.011	.45	.631	.006	.031
APR 19	6.44	43	52	7.23	<.1	10.0	3.1	80	.154	.68	.669	.037	.052
JUN 20	8.18	80	98	7.47	E.1	22.4	.8	129	.219	.76	.198	.035	.040
AUG 13	9.33	78	95	11.6	.1	19.7	3.4	148	.704	1.7	.016	.005	.050
Date	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)
OCT 11 DEC	.07	4.6	70	<2	<.1	<.8	<2.0	E1.0	410	<1	78.9	<.01	<2
04 JAN	.07	5.6											
23 FEB	1.15	40.1	3440	2	E.1	4.5	5.7	10.9	7440	9	1430	.04	<2
13 APR	.06	4.7											
19 JUN	.14	6.3	80	<2	<.1	<.8	<2.0	E1.1	1070	М	204	<.01	<2
20 AUG	.12	6.1											
13		12.2											

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT						
11	<2.0	<2	<.3	<20	4.2	.0
DEC						
04					6.8	.0
JAN 23	2.8	<2	<.3	40	640	390
FEB	2.0	<2	<.3	40	640	390
13					3.4	.02
APR						
19	<2.0	<2	<.3	<20	14	.04
JUN						
20					8.6	
AUG					1.1	
13					11	

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified